

re-MNH

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/518,382

Source: pg

Date Processed by STIC: 1/13/06

# ***ENTERED***

re-run



PCT

## RAW SEQUENCE LISTING

DATE: 07/03/2006

PATENT APPLICATION: US/10/518,382

TIME: 09:31:47

Input Set : N:\Crf4\Refhold\10\_folder\J518382.raw

Output Set: N:\CRF4\07032006\J518382.raw

1 <110> APPLICANT: SANSON, ALAIN  
 2 OCHSENBEIN, FRANCOISE  
 3 DOLLE, FREDERIC  
 4 <120> TITLE OF INVENTION: LABELLED PEPTIDES HAVING AFFINITY FOR A PHOSPHOLIPID AND  
 USES

5 <130> FILE REFERENCE: 263859US0XPCT  
 6 <140> CURRENT APPLICATION NUMBER: US/10/518,382  
 7 <141> CURRENT FILING DATE: 2004-12-29  
 8 <150> PRIOR APPLICATION NUMBER: PCT/FR03/02027  
 9 <151> PRIOR FILING DATE: 2003-06-30  
 10 <150> PRIOR APPLICATION NUMBER: FR 02 08204  
 11 <151> PRIOR FILING DATE: 2002-07-01  
 12 <160> NUMBER OF SEQ ID NOS: 14  
 13 <170> SOFTWARE: PatentIn version 3.3  
 15 <210> SEQ ID NO: 1  
 16 <211> LENGTH: 75  
 17 <212> TYPE: PRT  
 18 <213> ORGANISM: Artificial Sequence  
 19 <220> FEATURE:  
 20 <223> OTHER INFORMATION: Synthetic Peptide  
 21 <400> SEQUENCE: 1  
 22 Gly Phe Asp Glu Arg Ala Asp Val Glu Thr Leu Arg Lys Ala Met Lys  
 23 1 5 10 15  
 24 Gly Leu Gly Thr Asp Glu Glu Ser Ile Leu Thr Leu Leu Thr Ser Arg  
 25 20 25 30  
 26 Ser Asn Ala Gln Arg Gln Glu Ile Ser Ala Ala Tyr Lys Thr Leu Phe  
 27 35 40 45  
 28 Gly Arg Asp Leu Leu Asp Asp Leu Lys Ser Glu Leu Thr Gly Lys Phe  
 29 50 55 60  
 30 Glu Lys Leu Val Val Ala Leu Leu Lys Pro Ser  
 31 65 70 75

33 <210> SEQ ID NO: 2  
 34 <211> LENGTH: 75  
 35 <212> TYPE: PRT  
 36 <213> ORGANISM: Artificial Sequence  
 37 <220> FEATURE:  
 38 <223> OTHER INFORMATION: Synthetic Peptide  
 39 <400> SEQUENCE: 2  
 40 Asn Phe Asp Ala Glu Arg Asp Ala Leu Asn Ile Arg Lys Ala Ile Lys  
 41 1 5 10 15  
 42 Gly Met Gly Val Asp Glu Asp Thr Ile Val Asn Ile Leu Thr Asn Arg  
 43 20 25 30  
 44 Ser Asn Ala Gln Arg Gln Asp Ile Ala Phe Ala Tyr Gln Arg Arg Thr  
 45 35 40 45

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46      Lys Arg Glu Leu Ala Ser Asp Leu Lys Ser Glu Leu Ser Gly His Leu
47          50                      55                      60
48      Glu Arg Val Ile Leu Gly Leu Leu Lys Thr Ser
49          65                      70                      75
51 <210> SEQ ID NO: 3
52 <211> LENGTH: 75
53 <212> TYPE: PRT
54 <213> ORGANISM: Artificial Sequence
55 <220> FEATURE:
56 <223> OTHER INFORMATION: Synthetic Peptide
57 <400> SEQUENCE: 3
58      Asp Phe Ser Pro Ser Val Asp Ala Glu Ala Ile Arg Lys Ala Ile Lys
59          1           5           10           15
60      Gly Ile Gly Thr Asp Glu Asp Met Leu Ile Ser Ile Leu Thr Glu Arg
61          20           25           30
62      Ser Asn Ala Gln Arg Gln Leu Ile Val Lys Glu Tyr Gln Ala Ala Tyr
63          35           40           45
64      Gly Arg Glu Leu Lys Asp Asp Leu Lys Ser Glu Leu Ser Gly His Phe
65          50           55           60
66      Glu Arg Leu Met Val Ala Leu Val Thr Pro Ser
67          65           70           75
69 <210> SEQ ID NO: 4
70 <211> LENGTH: 75
71 <212> TYPE: PRT
72 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: Synthetic Peptide
75 <400> SEQUENCE: 4
76      Gly Phe Asn Ala Met Glu Asp Ala Gln Thr Leu Arg Lys Ala Met Lys
77          1           5           10           15
78      Gly Leu Gly Thr Asp Glu Asp Ala Ile Ser Val Leu Ala Tyr Arg
79          20           25           30
80      Asn Thr Ala Gln Arg Gln Glu Ile Arg Thr Ala Tyr Lys Ser Thr Ile
81          35           40           45
82      Gly Arg Asp Leu Ile Asp Asp Leu Lys Ser Glu Leu Ser Gly Asn Phe
83          50           55           60
84      Glu Arg Val Ile Val Gly Met Met Thr Pro Ser
85          65           70           75
87 <210> SEQ ID NO: 5
88 <211> LENGTH: 75
89 <212> TYPE: PRT
90 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: Synthetic Peptide
93 <400> SEQUENCE: 5
94      Gly Phe Asp Pro Asn Gln Asp Ala Glu Ala Leu Arg Thr Ala Met Lys
95          1           5           10           15
96      Gly Phe Gly Ser Asp Glu Glu Ala Ile Leu Asp Ile Ile Thr Ser Arg
97          20           25           30

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98      Ser Asn Arg Gln Arg Gln Glu Val Cys Gln Ser Tyr Lys Ser Leu Tyr
99          35              40              45
100     Gly Arg Asp Leu Ile Ala Asp Leu Lys Ser Glu Leu Thr Gly Lys Phe
101          50              55              60
102     Glu Arg Leu Ile Val Gly Leu Met Arg Pro Ser
103     65              70              75
105 <210> SEQ ID NO: 6
106 <211> LENGTH: 75
107 <212> TYPE: PRT
108 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: Synthetic Peptide
111 <400> SEQUENCE: 6
112     Gly Phe Asn Pro Asp Ala Asp Ala Lys Ala Leu Arg Lys Ala Met Lys
113     1              5              10              15
114     Gly Leu Gly Thr Asp Glu Asp Thr Ile Asp Ile Ile Thr His Arg
115           20              25              30
116     Ser Asn Val Gln Arg Gln Gln Ile Arg Gln Thr Phe Lys Ser His Phe
117           35              40              45
118     Gly Arg Asp Leu Met Thr Asp Leu Lys Ser Glu Ile Ser Gly Asp Leu
119           50              55              60
120     Glu Arg Leu Ile Leu Gly Leu Met Met Pro Ser
121     65              70              75
123 <210> SEQ ID NO: 7
124 <211> LENGTH: 75
125 <212> TYPE: PRT
126 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: Synthetic Peptide
129 <400> SEQUENCE: 7
130     Pro Gly Asp Ala Ile Arg Asp Ala Glu Ile Leu Arg Lys Ala Met Lys
131     1              5              10              15
132     Gly Phe Gly Thr Asp Glu Gln Ala Ile Val Asp Val Val Ala Asn Arg
133           20              25              30
134     Ser Asn Asp Gln Arg Gln Lys Ile Lys Ala Ala Phe Lys Thr Ser Tyr
135           35              40              45
136     Gly Arg Asp Leu Ile Lys Asp Leu Lys Ser Glu Leu Ser Gly Asn Met
137           50              55              60
138     Glu Arg Leu Ile Leu Ala Leu Phe Met Pro Ser
139     65              70              75
141 <210> SEQ ID NO: 8
142 <211> LENGTH: 75
143 <212> TYPE: PRT
144 <213> ORGANISM: Artificial Sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: Synthetic Peptide
147 <400> SEQUENCE: 8
148     His Phe Asn Pro Asp Pro Asp Val Glu Thr Leu Arg Lys Ala Met Lys
149     1              5              10              15

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Output Set: N:\CRF4\07032006\J518382.raw

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150      Gly Ile Gly Thr Asn Glu Gln Ala Ile Ile Asp Val Leu Thr Lys Arg
151              20                      25                      30
152      Ser Asn Thr Gln Arg Gln Thr Ile Ala Lys Ser Phe Lys Ala Gln Phe
153              35                      40                      45
154      Gly Arg Asp Leu Thr Glu Asp Leu Lys Ser Glu Leu Ser Gly Lys Leu
155              50                      55                      60
156      Glu Arg Leu Ile Val Ala Leu Met Tyr Pro Ser
157      65                      70                      75
159 <210> SEQ ID NO: 9
160 <211> LENGTH: 75
161 <212> TYPE: PRT
162 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Synthetic Peptide
165 <400> SEQUENCE: 9
166      Gly Phe Asp Pro Leu Arg Asp Ala Glu Val Leu Arg Lys Ala Met Lys
167      1                      5                      10                      15
168      Gly Phe Gly Thr Asp Glu Gln Ala Ile Ile Asp Cys Leu Gly Ser Arg
169              20                      25                      30
170      Ser Asn Lys Gln Arg Gln Gln Ile Leu Leu Ser Phe Lys Thr Ala Tyr
171              35                      40                      45
172      Gly Arg Asp Leu Ile Lys Asp Leu Lys Ser Glu Leu Ser Gly Asn Phe
173              50                      55                      60
174      Glu Lys Thr Ile Leu Ala Leu Met Lys Thr Ser
175      65                      70                      75
177 <210> SEQ ID NO: 10
178 <211> LENGTH: 75
179 <212> TYPE: PRT
180 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Synthetic Peptide
183 <400> SEQUENCE: 10
184      Gly Phe Asp Val Asp Arg Asp Ala Lys Lys Leu Arg Lys Ala Met Lys
185      1                      5                      10                      15
186      Gly Met Gly Thr Asn Glu Ala Ala Ile Ile Glu Ile Leu Ser Gly Arg
187              20                      25                      30
188      Thr Ser Asp Glu Arg Gln Gln Ile Lys Gln Lys Tyr Lys Ala Thr Tyr
189              35                      40                      45
190      Gly Arg Glu Leu Glu Glu Asp Leu Lys Ser Glu Leu Ser Gly Asn Phe
191              50                      55                      60
192      Glu Lys Thr Ala Leu Ala Leu Leu Asp Arg Ser
193      65                      70                      75
195 <210> SEQ ID NO: 11
196 <211> LENGTH: 79
197 <212> TYPE: PRT
198 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
200 <223> OTHER INFORMATION: Synthetic Peptide
201 <220> FEATURE:

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Input Set : N:\Crf4\Refhold\10\_folder\J518382.raw

Output Set: N:\CRF4\07032006\J518382.raw

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202 <221> NAME/KEY: MISC_FEATURE
203 <222> LOCATION: (22)..(22)
204 <223> OTHER INFORMATION: Xaa = Leu, Met, or Trp
205 <220> FEATURE:
206 <221> NAME/KEY: MISC_FEATURE
207 <222> LOCATION: (34)..(34)
208 <223> OTHER INFORMATION: Xaa = Thr or Lys
209 <220> FEATURE:
210 <221> NAME/KEY: MISC_FEATURE
211 <222> LOCATION: (45)..(45)
212 <223> OTHER INFORMATION: Xaa = Ser or Lys
213 <220> FEATURE:
214 <221> NAME/KEY: MISC_FEATURE
215 <222> LOCATION: (48)..(48)
216 <223> OTHER INFORMATION: Xaa = Phe or Tyr
217 <220> FEATURE:
218 <221> NAME/KEY: MISC_FEATURE
219 <222> LOCATION: (50)..(50)
220 <223> OTHER INFORMATION: Xaa = Thr or Glu
221 <220> FEATURE:
222 <221> NAME/KEY: MISC_FEATURE
223 <222> LOCATION: (63)..(63)
224 <223> OTHER INFORMATION: Xaa = Gly or Lys
225 <220> FEATURE:
226 <221> NAME/KEY: MISC_FEATURE
227 <222> LOCATION: (69)..(69)
228 <223> OTHER INFORMATION: Xaa = Glu or Lys
229 <220> FEATURE:
230 <221> NAME/KEY: MISC_FEATURE
231 <222> LOCATION: (71)..(71)
232 <223> OTHER INFORMATION: Xaa = Glu or Leu
233 <400> SEQUENCE: 11
234      Gly Ser Gly Cys Gly Phe Asp Glu Arg Ala Asp Val Glu Thr Leu Arg
235      1              5              10              15
W--> 236      Lys Ala Met Lys Gly Xaa Gly Thr Asp Glu Glu Ser Ile Leu Thr Leu
237      20              25              30
238      Leu Xaa Ser Arg Ser Asn Ala Gln Arg Gln Glu Ile Xaa Ala Ala Xaa
239      35              40              45
240      Lys Xaa Leu Phe Gly Arg Asp Leu Leu Asp Asp Leu Lys Ser Xaa Leu
241      50              55              60
242      Thr Gly Lys Phe Xaa Lys Xaa Val Val Ala Leu Leu Lys Pro Ser
243      65              70              75
245 <210> SEQ ID NO: 12
246 <211> LENGTH: 78
247 <212> TYPE: PRT
248 <213> ORGANISM: Artificial Sequence
249 <220> FEATURE:
250 <223> OTHER INFORMATION: Synthetic Peptide
251 <400> SEQUENCE: 12

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/518,382

DATE: 07/03/2006  
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Input Set : N:\Crf4\Refhold\10\_folder\J518382.raw  
Output Set: N:\CRF4\07032006\J518382.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:11; Xaa Pos. 22,34,45,48,50,63,69,71

Seq#:13; Xaa Pos. 25,37,48,51,53,66,72,74

Seq#:14; Xaa Pos. 29,41,52,55,57,70,76,78

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 4

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/518,382

DATE: 07/03/2006

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Input Set : N:\Crf4\Refhold\10\_folder\J518382.raw

Output Set: N:\CRF4\07032006\J518382.raw

L:236 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:16  
M:341 Repeated in SeqNo=11  
L:304 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:16  
M:341 Repeated in SeqNo=13  
L:355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:16  
M:341 Repeated in SeqNo=14